

Title (en)
ON-BOARD CHARGING STATION FOR A REMOTE CONTROL DEVICE

Title (de)
BORDEIGENE LADESTATION FÜR EINE FERNSTEUERUNGSVORRICHTUNG

Title (fr)
STATION DE CHARGE EMBARQUÉE POUR UN DISPOSITIF DE COMMANDE À DISTANCE

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Application
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Abstract (en)
Aspects of the invention relate to a method for establishing a wireless connection between a remote control device (32) and a controller (103) on a materials handling vehicle (10). The remote control device (32) comprises a wireless transmitter (178). The materials handling vehicle (10) comprises a receiver (102) for receiving transmissions from the wireless transmitter (178). The method comprises: detecting a voltage at one or more charging contacts (220) of a charging station (50) located at the vehicle (10); in response to detecting the voltage at the one or more charging contacts (220), transmitting, via the wireless transmitter (178) of the remote control device (32), one or more advertisements indicating that the remote control device (32) is available for communicating with nearby devices; receiving, at the vehicle (10) by the receiver (102), the transmitted one or more advertisements; in response to receiving the transmitted one or more advertisements, issuing, by the vehicle (10), a scan request directed to the specific remote control device (32) associated with the received advertisement; responding to the scan request, by the remote control device (32), with a unique identification code; receiving, at the vehicle (10) by the receiver (102), the unique identification code; verifying the unique identification code; and in response to verifying the unique identification code, establishing a wireless connection between the remote control device (32) and the controller (103).

IPC 8 full level
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